

| Ref # | Hits | Search Query  | DBs                              | Default Operator | Plurals | Time Stamp       |
|-------|------|---|----------------------------------|------------------|---------|------------------|
| L25   | 24   | (US-20020051565-\$ or US-20020063559-\$ or US-20030182605-\$ or US-20030206359-\$ or US-20040001270-\$ or US-20040090832-\$ or US-20040092042-\$ or US-20040129877-\$ or US-20040150904-\$).did. or (US-4876685-\$ or US-4949036-\$ or US-5115358-\$ or US-5233614-\$ or US-6002539-\$ or US-6031673-\$ or US-6084739-\$ or US-6301679-\$ or US-6366085-\$ or US-6405449-\$ or US-6466895-\$ or US-6825931-\$). did. or (DE-3236018-\$).did. or (US-6173213-\$ or US-6141486-\$). did.                      | US-PGPUB; USPAT; EPO; DERWENT    | OR               | ON      | 2005/03/03 08:15 |
| L26   | 5    | L25 AND digital AND analog  | US-PGPUB; USPAT; USOCR; EPO; JPO | OR               | ON      | 2005/03/03 08:15 |
| L27   | 5    | L25 AND (digital SAME analog)   | US-PGPUB; USPAT; USOCR; EPO; JPO | OR               | ON      | 2005/03/03 08:15 |
| L29   | 25   | (US-20020051565-\$ or US-20020063559-\$ or US-20030182605-\$ or US-20030206359-\$ or US-20040001270-\$ or US-20040090832-\$ or US-20040092042-\$ or US-20040129877-\$ or US-20040150904-\$ or US-20020048112-\$).did. or (US-4876685-\$ or US-4949036-\$ or US-5115358-\$ or US-5233614-\$ or US-6002539-\$ or US-6031673-\$ or US-6084739-\$ or US-6301679-\$ or US-6366085-\$ or US-6405449-\$ or US-6466895-\$ or US-6825931-\$). did. or (DE-3236018-\$).did. or (US-6173213-\$ or US-6141486-\$). did. | US-PGPUB; USPAT; EPO; DERWENT    | OR               | ON      | 2005/03/03 08:59 |
| L30   | 8    | L29 AND (first WITH servo)  | US-PGPUB; USPAT; USOCR; EPO; JPO | OR               | ON      | 2005/03/03 09:00 |

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|-----|------|---|---|----|----|------------------|
| L31 | 9540 | 360/75,31,53;77.08.ccls. AND @ad<="20031016"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:55 |
| L32 | 38   | L31 AND (miss\$4 NEAR2 servo)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:55 |
| L33 | 3375 | L31 AND (compar\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:55 |
| L34 | 281  | L31 AND (compar\$4) AND miss\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:56 |
| L35 | 1297 | L31 AND ((compar\$4) WITH (map or pattern or data or image))                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:56 |
| L36 | 14   | L31 AND ((compar\$4) WITH (map))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:56 |
| L37 | 19   | L31 AND ((compar\$4) WITH (image))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:56 |
| L38 | 408  | L31 AND (defect or missing) AND ((compar\$4) WITH (map or pattern or data or image))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:56 |
| L39 | 97   | L31 AND (defect or missing) SAME ((compar\$4) WITH (map or pattern or data or image)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:57 |
| L40 | 9010 | 360/75,31,53;77/08.ccls. AND @ad<="20031016"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:57 |
| L41 | 85   | L40 AND (defect or missing) SAME ((compar\$4) WITH (map or pattern or data or image)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:57 |
| L42 | 323  | L38 NOT L41   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:57 |

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| L43 | 12   | L39 NOT L41  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/03/03 09:57 |
| S1  | 8931 | (324/210,212.ccls. OR 714/718,723.<br>ccls. OR 365/200,201.ccls.) AND<br>@ad<="20031016" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/02/07 09:25 |
| S2  | 588  | S1 and map   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/01/31 15:37 |
| S3  | 804  | S1 and (map or mapping)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/01/31 15:38 |
| S4  | 416  | S3 AND (compare or comparing)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/01/31 16:10 |
| S5  | 17   | S4 and servo   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/01/31 16:08 |
| S6  | 0    | S4 and "servo-burst"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/01/31 16:08 |
| S7  | 0    | S4 and "servo-burst"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/01/31 16:09 |
| S8  | 2    | S4 and "servo burst"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/01 08:44 |
| S9  | 142  | S3 AND ((compare OR comparing<br>OR comparison) SAME (map OR<br>mapping))                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/01/31 16:14 |
| S10 | 175  | S3 AND ((compare OR compared<br>OR comparing OR comparison)<br>SAME (map OR mapping))    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/01/31 16:18 |
| S11 | 24   | S1 AND (error ADJ (map or<br>mapping))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/01/31 16:19 |

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| S12 | 1258 | "L24" and (compare OR compared OR comparing OR comparison)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/01/31 16:20 |
| S13 | 18   | S11 and (compare OR compared OR comparing OR comparison)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/01/31 17:13 |
| S14 | 2    | "4456995".pn. "4949036".pn.<br>"637243".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/01/31 17:14 |
| S15 | 3    | "4456995".pn. "4949036".pn.<br>"6373243".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/01/31 17:14 |
| S16 | 31   | ("4949036").URPN.  | USPAT                                     | OR | OFF | 2005/01/31 17:18 |
| S17 | 8938 | (324/210,212.ccls. OR 714/718,723.<br>ccls. OR 365/200,201.ccls.) AND<br>@ad<="20031016"         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/02/01 08:44 |
| S18 | 173  | S17 and servo  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/01 08:44 |
| S19 | 33   | S18 AND (map OR mapping)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/01 08:55 |
| S20 | 1    | "6700367".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/01 08:55 |
| S21 | 9590 | (324/210,212.ccls. OR 714/718,719,<br>715,723.ccls. OR 365/200,201.ccls.)<br>AND @ad<="20031016" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/02/07 12:19 |
| S22 | 904  | S21 AND (map OR mapping)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 09:27 |
| S23 | 171  | S21 AND ((map OR mapping) SAME<br>((compare or comparing) OR<br>(match or matching)))            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 14:59 |
| S24 | 1326 | "servo burst"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 10:57 |

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| S25 | 10893 | "servo burst" S21  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 10:57 |
| S26 | 23    | "servo burst" AND S21  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 10:58 |
| S27 | 20    | "servo burst" SAME (map or mapping)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 11:09 |
| S28 | 1326  | "servo burst"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 11:05 |
| S29 | 1138  | "servo burst" AND (error or fail or failure)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 11:05 |
| S30 | 22    | "servo burst" SAME missing   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 11:06 |
| S31 | 1209  | "servo" SAME (map or mapping)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 11:12 |
| S32 | 54    | (servo ADJ (burst OR sector)) SAME (map or mapping)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 11:29 |
| S33 | 491   | 360/53.ccls. AND servo   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 11:30 |
| S34 | 155   | 360/53.ccls. AND (servo ADJ (burst OR sector))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 11:30 |
| S35 | 10595 | (324/210,212.ccls. OR 714/718,719, 715,723.ccls. OR 365/200,201.ccls. OR 360/53.ccls.) AND @ad<="20031016" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/02/07 12:19 |
| S36 | 145   | S35 AND (servo ADJ (burst or sector))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/02/07 14:43 |

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| S37 | 136  | S36 AND (error OR fault OR fail OR failure)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/02/07 12:20 |
| S38 | 63   | S36 AND (map OR mapping OR plan)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/02/07 12:22 |
| S39 | 7    | S36 AND ((compare OR comparing OR match OR matching) SAME (map OR mapping OR plan)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/02/07 14:08 |
| S40 | 8    | S36 AND ((compare OR comparing OR match OR matching) SAME (map OR mapping OR plan)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 13:25 |
| S41 | 16   | S36 AND spectrum  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/09 13:38 |
| S42 | 93   | S36 AND (compare OR comparing OR match OR matching)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/02/07 14:08 |
| S43 | 0    | S35 AND (missing ADJ (servo ADJ (burst or sector)))                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/02/07 14:44 |
| S44 | 6    | S35 AND (missing SAME (servo ADJ (burst or sector)))                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/02/07 14:55 |
| S45 | 6    | S35 AND ((missing OR omitted) SAME (servo ADJ (burst or sector)))                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/02/07 14:55 |
| S46 | 7    | S35 AND ((missing OR omitted) SAME (servo ADJ (burst or sector)))                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 14:56 |
| S47 | 1    | S35 AND ((missing OR omitted) SAME (servo ADJ (burst or sector)))<br>NOT S45        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 14:56 |
| S48 | 4105 | S21 AND (compare or comparing OR match or matching)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/07 14:59 |

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| S49 | 229   | miss\$4 NEAR2 servo  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/10 12:27 |
| S50 | 15    | US-6618215-\$.DID. OR<br>US-6615387-\$.DID. OR<br>US-6611397-\$.DID. OR<br>US-6606211-\$.DID. OR<br>US-6603646-\$.DID. OR<br>US-6590388-\$.DID. OR<br>US-6587293-\$.DID. OR<br>US-6574068-\$.DID. OR<br>US-6483299-\$.DID. OR<br>US-6476995-\$.DID. OR<br>US-6405449-\$.DID. OR<br>US-6404590-\$.DID. OR<br>US-6396773-\$.DID. OR<br>US-6387530-\$.DID. OR<br>US-6373243-\$.DID. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/09 11:42 |
| S51 | 12    | US-6359747-\$.DID. OR<br>US-6587293-\$.DID. OR<br>US-6580572-\$.DID. OR<br>US-6574068-\$.DID. OR<br>US-6304407-\$.DID. OR<br>US-6181492-\$.DID. OR<br>US-6142006-\$.DID. OR<br>US-6097561-\$.DID. OR<br>US-5996045-\$.DID. OR<br>US-5963029-\$.DID. OR<br>US-5991104-\$.DID. OR<br>US-5898499-\$.DID.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/09 11:42 |
| S52 | 0     | 2003/0035235.pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/09 11:42 |
| S53 | 0     | 2003/0035235   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/09 11:42 |
| S54 | 1     | "20030035235"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/09 11:43 |
| S55 | 26    | S50 OR S51 OR S54  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/09 11:44 |
| S56 | 10604 | (324/210,212.ccls. OR 714/718,719,<br>715,723.ccls. OR 365/200,201.ccls.<br>OR 360/53.ccls.) AND<br>@ad<="20031016"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/02/09 13:38 |

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|-----|-------|---|---|----|-----|------------------|
| S57 | 145   | S56 AND (servo ADJ (burst or sector))               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/02/09 13:38 |
| S58 | 4     | S57 AND spectrum AND map                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/09 13:46 |
| S59 | 5     | S55 AND map   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/09 13:51 |
| S60 | 3     | S55 AND spectrum                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/09 14:27 |
| S61 | 36    | "spectrum analyzer" AND ((zero ADJ span) WITH mode) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/09 14:35 |
| S62 | 34    | "spectrum analyzer" AND S56                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/09 14:36 |
| S63 | 4     | ("spectrum analyzer" SAME mode) AND S56             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/03/02 14:54 |
| S64 | 16    | miss\$4 NEAR2 servo                                 | DERWENT;<br>IBM_TDB                       | OR | ON  | 2005/02/10 12:31 |
| S65 | 39728 | map   | DERWENT;<br>IBM_TDB                       | OR | ON  | 2005/02/10 12:31 |
| S66 | 2118  | (compare OR comparing) AND map                      | DERWENT;<br>IBM_TDB                       | OR | ON  | 2005/02/10 12:31 |
| S67 | 8     | (compare OR comparing) AND map AND servo            | DERWENT;<br>IBM_TDB                       | OR | ON  | 2005/02/10 12:37 |
| S68 | 5474  | (compare OR comparing) WITH map                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/10 12:38 |
| S69 | 4652  | ((compare OR comparing) WITH map) AND reference     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/10 12:38 |
| S70 | 381   | ((compare OR comparing) WITH map) WITH reference    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/02/10 12:44 |



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| S71 | 13     | ((compare OR comparing) WITH map) WITH reference) SAME miss\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/02/10 12:44 |
| S72 | 4      | ("2758276"   "3617874"   "3710236").PN.                        | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON | 2005/02/10 12:55 |
| S73 | 2      | ("6366085").URPN.  | USPAT                                     | OR | ON | 2005/02/10 12:56 |
| S74 | 459523 | FRAUNHOFER GES FORSCHUNG                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 11:15 |
| S75 | 4460   | (FRAUNHOFER AND GES AND FORSCHUNG).as.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 11:16 |
| S76 | 4460   | (FRAUNHOFER ADJ GES ADJ FORSCHUNG).as.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 11:16 |
| S77 | 16     | (FRAUNHOFER ADJ GES ADJ FORSCHUNG).as. AND schmitz.in.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 11:18 |
| S78 | 13     | (FRAUNHOFER ADJ GES ADJ FORSCHUNG).as. AND gebhardt.in.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 11:20 |
| S79 | 94     | (FRAUNHOFER ADJ GES ADJ FORSCHUNG).as. AND (magnetic)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:01 |
| S80 | 1      | "111454".ap.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:02 |
| S81 | 0      | "111454".apn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:02 |
| S82 | 1      | "111454".ap.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:02 |
| S83 | 0      | "09111454".ap.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:06 |

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| S84 | 0     | "inspection and review" AND missing   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:06 |
| S85 | 1     | "inspection and review"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:17 |
| S86 | 0     | "pattern to pattern" WITH compar\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:18 |
| S87 | 0     | "pattern to pattern" same compar\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:18 |
| S88 | 0     | "pattern to pattern" AND compar\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:18 |
| S89 | 0     | "pattern to pattern"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:19 |
| S90 | 78393 | Pattern WITH compar\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:20 |
| S91 | 8619  | (pattern WITH compar\$4 WITH reference)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:21 |
| S92 | 2664  | (pattern WITH compar\$4 WITH "reference pattern")                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:21 |
| S93 | 21    | ((measur\$2 ADJ pattern)) WITH compar\$4 WITH "reference pattern")                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:24 |
| S94 | 117   | ((measur\$2 OR detect\$2) ADJ image) WITH compar\$4 WITH "reference image")             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:25 |
| S95 | 11    | ((measur\$2 OR detect\$2) ADJ image) WITH compar\$4 WITH "reference image") AND missing | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:27 |

|          |      |   |   |    |    |                  |
|----------|------|---|---|----|----|------------------|
| S96      | 15   | ((measur\$2 OR detect\$2) ADJ (image or map or pattern or list)) WITH compar\$4 WITH (reference ADJ (image or map or pattern or list))) AND missing | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 12:29 |
| S97      | 0    | "09952683".ap.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 14:54 |
| S98      | 3    | "952683".ap.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/02 15:06 |
| S99      | 9006 | 360/75,31,53,77/08.ccls. AND @ad<="20031016"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:55 |
| S10<br>0 | 22   | S99 AND (miss\$4 NEAR2 servo)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:55 |
| S10<br>1 | 2950 | S99 AND (compar\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:55 |
| S10<br>2 | 226  | S99 AND (compar\$4) AND miss\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:56 |
| S10<br>3 | 1077 | S99 AND ((compar\$4) WITH (map or pattern or data or image))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:56 |
| S10<br>4 | 14   | S99 AND ((compar\$4) WITH (map))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:56 |
| S10<br>5 | 19   | S99 AND ((compar\$4) WITH (image))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:56 |
| S10<br>6 | 329  | S99 AND (defect or missing) AND ((compar\$4) WITH (map or pattern or data or image))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:56 |
| S10<br>7 | 85   | S99 AND (defect or missing) SAME ((compar\$4) WITH (map or pattern or data or image))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:57 |

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L31 | 9540 | 360/75,31,53,77.08.ccls. AND<br>@ad<="20031016"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:55 |
| L32 | 38   | I31 AND (miss\$4 NEAR2 servo)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:55 |
| L33 | 3375 | L31 AND (compar\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:55 |
| L34 | 281  | L31 AND (compar\$4) AND miss\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:56 |
| L35 | 1297 | L31 AND ((compar\$4) WITH (map<br>or pattern or data or image))                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:56 |
| L36 | 14   | L31 AND ((compar\$4) WITH (map))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:56 |
| L37 | 19   | L31 AND ((compar\$4) WITH<br>(image))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/03/03 09:56 |
| L38 | 408  | L31 AND (defect or missing) AND<br>((compar\$4) WITH (map or pattern<br>or data or image)) |   |    |    |                  |